ATTORNEY'S DOCKET NO: 040460

| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE | | DATE: September 10, 2004 | | | |
|--|--|---------------------------------------|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLNANO: (if-known): 607 | | | |
| INTERNATIONAL APPLICATION NO.: PCT/JP02/07376 | INTERNATIONAL FILING DATE: July 22, 2002 | PRIORITY DATE CLAIMED: March 13, 2002 | | | |
| TITLE OF INVENTION: DEVICE FOR INSPECTING INSIDE OF UNDERGROUND PIPE LINE, INSPECTION METHOD, AND METHOD FOR INSPECTING CONCRETE DETERIORATION INSIDE UNDERGROUND PIPE LINE | | | | | |
| APPLICANT(S) FOR DO/EO/US: Minoru | APPLICANT(S) FOR DO/EO/US: Minoru TARUMI | | | | |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| 1. XX This is a FIRST submission of | items concerning a filing under 35 U.S.C. 371. | | | | |
| 2 This is a SECOND or SUBSEQ | UENT submission of items concerning a filing und | er 35 U.S.C. 371. | | | |
| 3. XX This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1). | | | | | |
| XX A proper Demand for Internation date. | | | | | |
| 5. XX A copy of the International App | 5. XX A copy of the International Application as filed (35 U.S.C. 371(c)(2)): | | | | |
| b. XX has been transmitted | b. XX has been transmitted by the International Bureau. | | | | |
| 6. XX A translation of the Internation | XX A translation of the International Application into English (35 U.S.C. 371(c)(2)). | | | | |
| 7. XX Amendments to the claims of | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | |
| b have been transmitte c have not been made | b have been transmitted by the International Bureau.c have not been made; however, the time limit for making such amendments has NOT expired. | | | | |
| 8 A translation of the amendment | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | |
| 9. XX An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | |
| 10 A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | |
| ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED: | | | | | |
| 11. XX An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with PTO-1449, 10 references and International Search Report. | | | | | |
| 12. XX a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. XX b. ASSIGNEE(s) NAME(s) AND ADDRESS BURN-AM CO., LTD., Amagasaki-shi, Japan Please publish the assignee data with the application. | | | | | |
| 13. XX A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment | | | | | |
| 14 A substitute specification. | | | | | |
| 15 A change of power of attorney and/or address letter. | | | | | |
| 16. XX Other items or information: 18 Sheets of Drawings, English translation of International Preliminary Examination Report (5 Sheets) | | | | | |

ATTORNEY'S DOCKET NO:040460

| U.S. APPLICATION | 506607 | INTERNATIONAL APPLICATION NO. PCT/JP02/07376 | | ATTORNEY'S DOCKET NO:040466 DATE: September 10, 2004 | |
|---|---|---|---------------|---|--------------|
| | | 1: | | CALCULATIONS | PTO USE ONLY |
| 17. X The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO: \$920.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$730.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$770.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1080.00 International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00 | | | \$ 920.00 | PTO USE ONLY | |
| of PCT Article 33 | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | \$ 920.00 | | |
| | | e oath or declaration late d priority date (37 DVR 1 | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| TOTAL | 68 - 20 = | 48 | X \$ 18.00 | \$ 864.00 | |
| INDEPENDENT | 3 - 3 = | | X \$ 86.00 | | |
| Multiple depende | ent claims(s) (if applica | \$ 290.00 | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | \$1077.00 | | |
| Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28). | | | \$1037.00 | | |
| SUBTOTAL = | | | \$1037.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)) + | | | | | |
| TOTAL NATIONAL FEE = | | | \$1037.00 | | |
| | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | |
| assignment mu | | y an appropriate cover | sheet (37 CFR | \$ 40.00 | |
| assignment mu | | y an appropriate cover | sheet (37 CFR | \$ 40.00 \$1077.00 | |

ATTORNEY'S DOCKET NO: 040460

| | | ATTORNETS DUCKET NO. 040460 | | | |
|---|--|-----------------------------|--|--|--|
| u.s. APPLICATION NO 6607 | INTERNATIONAL APPLICATION NO. PCT/JP02/07376 | DATE: September 10, 2004 | | | |
| a. XX A check in the amount of \$1077.00 to cover the above fees is enclosed. (\$460.00 for basic fee, \$432.00 for extra claims, \$145.00 for multiple dependent claims and \$40.00 for assignment.(This paper is filed in triplicate) | | | | | |
| b Please charge my Deposit Account No. 01-2340 in the amount of \$ to cover the above fees. (A duplicate copy of this sheet is enclosed.) | | | | | |
| c. XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2340. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status. | | | | | |
| Send All Correspondence To: Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357 | | | | | |
| Typed or Printed Name Mel R. Quint | Typed or Printed Name Mel R. Quintos Reg. No. 31,898 | | | | |
| Signature Date: September 10, 2004 | | | | | |

MRQ/jaz